

- Effects in children generally occur at lower blood lead levels than in adults.
- The developing nervous system in children can be affected adversely at blood lead levels of less than 10 μg/dL.

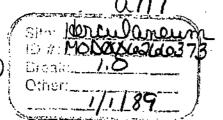
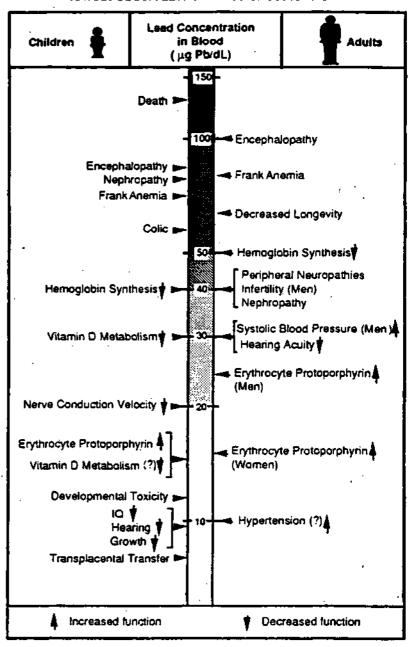


Figure 1. Effects of inorganic lead on children and adults-lowest observable adverse effect levels



Adapted from ATSDR, Toxicological Profile for Lead (1989)

lower IQ scores and cognitive deficits, at age 5. In another study that measured total body burden, primary school children with high tooth lead levels but with no known history of lead poisoning had larger deficits in psychometric intelligence scores, speech and language processing, attention, and classroom performance than children

